

BROADCASTING REAL-TIME SHORT RANGE RF REAL-TIME  
INFORMATION TO MOTOR VEHICLES MOVING  
ALONG A HIGHWAY VIA A SEQUENCE OF SHORT RANGE RF  
BROADCASTING STATIONS ALONG THE HIGHWAY BROADCASTING  
5 TO ALL VEHICLE TRANSCEIVERS WITHIN SAID RANGE

Abstract

A simple region-specific broadcasting system for  
broadcasting information pertinent to motor vehicles in  
sequential regions of a roadway or highway directly to  
10 such vehicles when the vehicles are passing through such  
sequential regions. Existing cellular facilities and  
resources may be advantageously used in the  
implementation of the system. A system for broadcasting  
short range RF real-time information to motor vehicles  
15 traveling along a roadway implemented through a sequence  
of transceiving short range broadcast stations along said  
highway, the stations spaced so that the broadcast ranges  
of said stations tangentially overlap each other. Each  
of the sequence of motor vehicles moving along this  
20 roadway should include a transceiver for the short range  
RF signals. There is in each of the motor vehicles with  
said transceivers, an implementation for transmitting  
data that is specific to the transmitting motor vehicle,  
together with means in the broadcast stations for  
25 broadcasting the data specific to the transmitting motor  
vehicle to all of said motor vehicle transceivers.